



*IFW/8*

Attorney's Docket No.: 42P17960

Patent

In re the Application of: Rohit Natarajan

(inventor(s))

Application No.: 10/798,600

Filed: March 10, 2004

For: COMMAND SCHEDULING FOR DUAL-DATA-RATE TWO (DDR2) MEMORY DEVICES

(title)

Mail Stop Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR: Transmitted herewith is a **Response and Amendment** for the above-referenced application.

       Applicant claims small entity status. See 37 CFR 1.27.

  X   Additional claim fee is required.

  X   Information Disclosure Statement and applicable submission fee is included.

The fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	* 26	Minus	** 21	5	X25	\$	X50	\$ 250.00
Indep. Claims	* 5	Minus	*** 4	1	X100	\$	X200	\$ 200.00
<div><input type="checkbox"/></div> First Presentation of Multiple Dependent Claim(s)					+180	\$	+360	\$
					Total Add. Fee	\$	Total Add. Fee	\$ 450.00

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

#### FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on December 29, 2006

Date of Deposit

Yuko Tanaka

Name of Person Mailing Correspondence

Y. Tanaka  
Signature

December 29, 2006

Date

\_\_\_\_\_ A check in the amount of \$\_\_\_\_\_ is attached for presentation of additional claim(s).

\_\_\_\_\_ Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).

X A check in the amount of \$ 630.00 is attached for Information Disclosure Statement submission fee under 37 C.F.R. § 1.17(p) (\$180.00) and for presentation of additional claims (\$450.00).

\_\_\_\_\_ Please charge my Deposit Account No. 02-2666 the amount of \$\_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

X The Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 (a duplicate copy of this sheet is enclosed):

X Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.

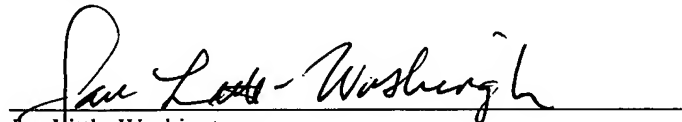
X Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date:

12/29/2006

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Jan Little-Washington  
Reg. No. 41,181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Rohit Natarajan

Application No.: 10/798,600

Filed: March 10, 2004

For: COMMAND SCHEDULING FOR DUAL-  
DATA-RATE TWO (DDR2) MEMORY  
DEVICES



Examiner: Thomas, Shane M.

Art Unit: 2186

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

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(Date of Deposit)

Yuko Tanaka

(Typed or printed name of person mailing correspondence)

Y. Tanaka

(Signature of person mailing correspondence)

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

\_\_\_\_\_ 37 C.F.R. §1.97(b).

  X   **37 C.F.R. §1.97(c).** If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

  X   **A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).**

\_\_\_\_\_ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

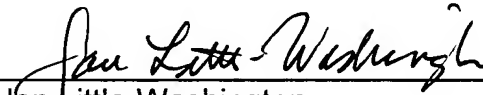
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 12/29/2006

  
\_\_\_\_\_  
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Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/798,600
Filing Date	March 10, 2004
First Named Inventor:	Rohit Natarajan
Art Unit	2186
Examiner Name	Thomas, Shane M.
Attorney Docket Number	42P17960

Sheet 1 of 2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 5,903,916	05-11-1999	Pawlowski et al.	
	2	US- 6,172,893 B1	01-09-2001	Ryan	
	3	US- 6,269,433 B1	07-31-2001	Jones et al.	
	4	US- 6,427,196 B1	07-30-2002	Adiletta et al.	
	5	US- 6,532,509 B1	03-11-2003	Wolrich et al.	
	6	US- 6,560,667 B1	05-06-2003	Wolrich et al.	
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	7	WO 02/33556 A2	04-25-2002	SUN MICROSYSTEMS, INC.		

Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/798,600
				Filing Date	March 10, 2004
				First Named Inventor:	Rohit Natarajan
				Art Unit	2186
				Examiner Name	Thomas, Shane M.
Sheet	2	of	2	Attorney Docket Number	42P17960
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	8	INTEL, Intel Technology Journal, The next Generation of Intel IXP Network Processors, Volume 06, Issue 03, 8/15/2002, pp. 1-15.			
	9	MICRON, RLD RAM II Memory, Low-Latency, High-Density, High-Bandwidth DRAM, 12/12/2003, (2 pgs.).			
	10	INTEL, Intel IXP1200 Network Processor Family, Hardware Reference Manual, December 2001, pp. 1-272.			
	11	MICRON Technical Note: TN-49-02 Exploring the RLD RAM II Feature Set; 2004, pp. 1-4.			
	12	MICRON Technical Note: TN-49-05 General DDR SDRAM Functionality; 2001, pp. 1-11.			

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.